


PATENT

Sheet 1 of 3


FORM PTO-1449 (Modified)  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. M01846A	SERIAL NO. 08/893,080
	APPLICANT Alan M. Warshawsky et al			
	FILING DATE July 15, 1997		GROUP 1624	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS			DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
B.K.		A1	4	6	8	1	9	6	6	7/21/87	Donald et al			
B.K.		A2	4	5	9	9	3	6	1	7/8/86	Dickens et al			
B.K.		A3	4	8	8	5	2	8	3	12/5/89	Broadhurst et al			
B.K.		A4	4	7	7	1	0	3	8	9/13/88	Wolanin et al			
B.K.		A5	5	3	0	4	5	4	9	4/19/94	Broadhurst et al			
B.K.		A6	5	3	1	0	7	6	3	5/10/94	Campion et al			
B.K.		A7	4	9	3	5	4	0	4	6/19/90	Hunter et al			
B.K.		A8	5	2	5	2	5	6	0	10/12/93	Myers et al			
B.K.		A9	5	3	6	2	7	5	0	11/8/94	Rosini et al			
B.K.		A10	5	3	0	0	5	0	1	4/5/94	Porter et al			
B.K.		A11	5	4	2	4	4	2	5	6/13/95	Flynn et al			
B.K.		A12	5	4	2	8	1	5	8	6/27/95	Warshawsky et al			
B.K.		A13	5	4	5	7	1	9	6	10/10/95	Warshawsky et al			
B.K.		A14	5	4	3	0	1	4	5	7/4/95	Flynn et al			
B.K.		A15	5	4	2	0	2	7	1	5/30/95	Warshawsky et al			
B.K.		A16	5	2	3	8	9	3	2	8/24/93	Flynn et al			
B.K.		A17	5	3	8	9	6	2	8	2/14/95	Flynn et al			
B.K.		A18	5	4	5	5	2	4	2	10/3/95	Warshawsky et al			
B.K.		A19	5	3	6	6	9	7	3	11/22/94	Flynn et al			
B.K.		A20	5	2	3	9	0	7	8	8/24/93	Galary et al			
B.K.		A21	5	5	0	4	2	1	2	4/2/96	de Solmes et al			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS			DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
B.K.		B1	9	5	1	3	2	8	9	5/18/95	WO			YES	NO
B.K.		B2	0	5	3	4	3	6	3	3/31/93	EP				
B.K.		B3	0	4	8	9	5	7	9	6/10/92	EP				
B.K.		B4	0	6	2	1	2	7	0	10/26/94	EP				
B.K.		B5	0	2	3	6	8	7	2	9/16/87	EP				

EXAMINER 	DATE CONSIDERED 2/26/04
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
B.K.	B6 9 6 3 6 2 2 7	11/21/96	WO			
B.K.	B7 9 7 1 9 0 7 5	5/29/97	WO			
B.K.	B8 9 7 1 7 0 8 8	5/15/97	WO			

OTHER DOCUMENTS

EXAMINER INITIALS	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
B.K.	C1 McCachren, S.S. <u>Arthritis Rheum.</u> 34, pp 1085-1093 (1991)
B.K.	C2 Emonard, H. et al, <u>Cell Molec. Biol.</u> 36, pp 131-153 (1990)
B.K.	C3 Birkedal-Hansen, H., <u>J. Oral Pathol.</u> 17, pp 445-451 (1988)
B.K.	C4 Matrisian, L.M., <u>Trends Genet.</u> 6, pp 121-125 (1990)
B.K.	C5 Murphy, G.J.P. et al, <u>FEBS Lett.</u> 289, pp 4-7 (1991)
B.K.	C6 Matrisian, L.M., <u>Bioessays</u> 14, pp 455-463 (1992)
B.K.	C7 Swartz, G.K. et al, <u>Cancer</u> 73, pp 22-27 (1994)
B.K.	C8 Bernhard, E.J. et al, <u>Proc. Natl. Acad. Sci.</u> 91, pp 4293-4597 (1994)
B.K.	C9 Zucker, S. et al, <u>Cancer Res.</u> 53, pp 140-146 (1993)
B.K.	C10 Chirivi, R.G.S. et al, <u>Int. J. Cancer</u> 58, pp 460-464 (1994)
B.K.	C11 Montgomery, A.M.P. et al, <u>Cancer Res.</u> 54, pp 5467-5473 (1994)
B.K.	C12 Hasty, K.A. et al, <u>Arthr. Rheum.</u> 33, pp 388-397 (1990)
B.K.	C13 Murphy, G. et al, <u>Biochem. J.</u> 248, pp 265-268 (1987)
B.K.	C14 Gearing, A.J.H. et al, <u>Nature</u> 370, pp 555-557 (1994)
B.K.	C15 Mohler, K.M. et al, <u>Nature</u> 370, pp 218-220 (1994)
B.K.	C16 McGreehan, G.M. et al, <u>Nature</u> 370, pp 558-561 (1994)

EXAMINER <i>Bruce Kipp</i>	DATE CONSIDERED <i>2/26/04</i>
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	APPLICANT Alan M. Warshawsky	
	FILING DATE July 15, 1997	GROUP 1624

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
B.K.	B9	9 7 1 2 9 0 2	4/10/97	WO				
B.K.	B10	9 7 1 2 8 6 1	4/10/97	WO				
B.K.	B11	9 6 3 5 7 1 4	11/14/96	WO				
B.K.	B12	9 6 6 5 7 1 2	11/14/96	WO				
B.K.	B13	9 6 3 5 7 1 1	11/14/96	WO				
B.K.	B14	9 6 3 5 6 8 7	11/14/96	WO				

OTHER DOCUMENTS

EXAMINER INITIALS		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
B.K.	C17	Wahl, R.C. et al, <u>Annual Reports in Medicinal Chemistry</u> 25, pp 177-184 (1990)
B.K.	C18	Hennney, A.m., et al, <u>Proc. Natl. Acad. Sci.</u> 88, pp 8154-8158 (1991)
B.K.	C19	Burns, F.R. et al, <u>Invest. Ophthalmol. and Visual Sci.</u> 30, No. 7 pp 1569-1575 (1989)
B.K.	C20	Overall, C.M. et al, <u>J. Periodontal Res.</u> 22, pp 81-88 (1987)
B.K.	C21	Miyazaki, K. et al, <u>Nature</u> 362, pp 839-841 (1993)
B.K.	C22	Beckett, R.P. et al, "Recent advances in matrix metalloproteinase inhibitor research" <u>DDT</u> Vol. 1, No. 1, January, 1996, pp 16-26
B.K.	C23	Blanchard et al, "Reevaluation of the Absorption of Carbenoxolone Using an In Situ Rat Intestinal Technique", <u>Journ. Pharmaceutical Sci.</u> , Vol. 79, No. 5, May, 1990 pp 411-414
B.K.	C24	Davies, B. et al, "A Synthetic Matrix Metalloproteinase Inhibitor Decreases Tumor Burden...", <u>Cancer Research</u> 53, May 1, 1993, pp 2087-2091
B.K.	C25	Hodgson, John, "Remodeling MMPs", <u>Bio/Technology</u> Vol. 13, June 1995 pp 554-557
B.K.	C26	Chapman, K.T., "Inhibition of Matrix Metalloproteinases...", <u>J. Med. Chem.</u> 1993, 36, pp 4293-4301
B.K.	C27	Beeley N.R.A, "Inhibitors of Matrix Metalloproteinases (MMP's)", <u>Curr. Opin, Ther. Patents</u> (1994) 4(1), pp 7-16
B.K.	C28	Baxter, Andrew D. et al, "A Novel Series of Matrix Metalloproteinase Inhibitors for the Treatment of Inflammatory Disorders", <u>Bioorganic & Medicinal Chem. Letters</u> , Vol. 7, No. 7 pp 897-902, (1997)
B.K.	C29	CA, Issue 3, pp 16, 126:60361y (1997)

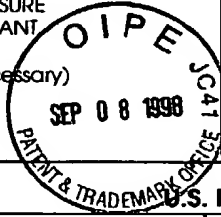
EXAMINER <i>Burch K.P.</i>	DATE CONSIDERED <i>2/26/04</i>
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		FILING DATE 7-15-97	GROUP 1205 / 624



U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
B.K.		B.15 9 6 0 6 8 9 0	9/88	WO			
B.K.		B.16 9 6 1 1 2 0 9	4/96	WO			
B.K.		B.17 9 6 2 9 3 1 3	9/96	WO			

OTHER DOCUMENTS

EXAMINER INITIALS		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
B.K.	C.30	Derwent Abstract 96-035866, Week 9604, WPI Database XP 002046217
B.K.	C.31	Burkholder, E.A., Bioorg Med Chem Lett, vol 3, no 2, 1993, p 231-234, XP002046216

EXAMINER <i>Burkholder</i>	DATE CONSIDERED <i>2/26/04</i>
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